

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-7 (Canceled)

Claim 8 (Currently Amended): An optical disc having a data format, comprising:
a first error correction code (ECC) ~~data-structure~~ block including at least a user data and control information disposed ~~in a first error correction code (ECC) block~~ therein;
a second ECC ~~data-structure~~ block including at least an ID information of a physical sector of the first ECC block disposed ~~in a second ECC block~~ therein, the first and second ECC blocks are error correction coded independently; and
wherein the first and second ECC blocks are of the same ECC data structure, and are expressed on the disc in a same physical data cluster, and accessed from the optical disc by a reproducing device employing the first and second ECC ~~data-structures~~ blocks of the physical data cluster to correct errors encountered in accessing data from the disc.

Claim 9 (Currently Amended): The optical disc as set forth in claim 8, wherein the [[the]] first and second ECC blocks include an error correcting code having a long distance code (LDC) in a same direction as the expression of user data on the disc.

Claim 10 (Currently Amended): An optical disc having a data format, comprising:
an ECC data structure including at least a user data, control information, and ID information of a physical sector, the user data, control information and ID information of a physical sector, each being disposed in a respective ECC ~~block~~ blocks, the ID information of

one of the respective ECC blocks identifying physical sectors of the other of the respective ECC blocks, each respective ECC block ~~are~~ being independently error correction coded independently;

wherein each respective ECC block is expressed on the disc in a same physical data cluster.

Claim 11 (Previously Presented): The optical disc as set forth in claim 10, wherein the ECC data blocks include an error correcting code having a long distance code (LDC) in a same direction as the expression of user data on the disc.

Claim 12 (Currently Amended): An optical disc having a data format, comprising:
a first error correction code (ECC) ~~data-structure~~ block including at least a user data disposed ~~in a first error correction code (ECC) block~~ therein; and
a second ECC ~~data-structure~~ block including at least a control information, and ID information of a physical sector of the first ECC block disposed ~~in a second ECC block~~ therein, the first and second ECC blocks ~~are~~ being independently error correction coded independently;

wherein the first and second ECC blocks are of the same ECC data structures, and are expressed on the disc in a same physical data cluster, and accessed from the optical disc by a reproducing device employing the first and second ECC ~~data-structures~~ blocks of the physical data cluster to correct errors encountered in accessing data from the disc.

Claims 13-18 (Canceled)

Claim 19 (Currently Amended): A method of writing to an optical disc, the method comprising:

forming ECC blocks including, user data, control information, and ID information of a physical sector, each being disposed in a respective one of the ECC blocks;

coding each respective ECC block independently for error correction,

expressing ~~each~~ the ECC block blocks in a single physical data cluster on the disc, ~~and the ID information operative to identify physical sectors of the physical data cluster. the~~
ID information of one of the respective ECC blocks identifying physical sectors of the other
of the respective ECC blocks.

Claim 20 (Currently Amended): The optical disc of Claim 8, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors corresponding to the first ECC block of the same physical data cluster.

Claim 21 (Currently Amended): The optical disc of Claim 10, wherein the ID information of one of the respective blocks is operative to synchronize and address physical sectors corresponding to the other ECC blocks of the same physical data cluster.

Claim 22 (Currently Amended): The optical disc of Claim 12, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors corresponding to the first ECC block of the same physical data cluster.